

Abstract of the Disclosure

FUEL INJECTOR WITH NON-METALLIC TIP INSULATOR

5 A fuel injector is provided which has an
injector body with a metallic tip having an outer
surface. A non-metallic insulator, such as a ceramic,
is attached to the tip and covers a portion of the
outer surface. Injector tip overheating can be a
10 problem, especially during sustained two-cycle boosted
engine compression release braking. In addition,
injector tip overheating can be a problem when an
engine is experiencing simultaneous engine compression
release braking and exhaust braking.